

| FORM PTO-1449 (Modified)   |                 | US DEPARTMENT OF COMMERCE      |                 | Docket No.         |          | Application No.            |  |
|--|-----------------|--------------------------------|-----------------|--------------------|----------|----------------------------|--|
| Approved for use through 10/31/2002  |                 | US Patent and Trademark Office |                 | 50623.257          |          | 10/603,889                 |  |
| <b>INFORMATION DISCLOSURE CITATION</b><br>in an Application<br>(Use several sheets if necessary)   |                 |                                |                 | Applicant          |          |                            |  |
|  |                 |                                |                 | Syed F.A. Hossainy |          |                            |  |
|  |                 |                                |                 | Filing Date        |          | Group Art Unit             |  |
|  |                 |                                |                 | June 25, 2003      |          | 1762<br>Unassigned         |  |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |                                |                 |                    |          |                            |  |
| Examiner Initial   | Document Number | Date of Patent                 | Name            | Class              | Subclass | Filing Date if Appropriate |  |
|  | A1              | 4,329,383                      | 5/11/82         | Joh                | 428      | 36                         |  |
|  | A2              | 4,733,665                      | 3/29/88         | Palmaz             | 128      | 343                        |  |
|  | A3              | 4,800,882                      | 1/31/89         | Gianturco          | 128      | 343                        |  |
|  | A4              | 4,882,168                      | 11/21/89        | Casey et al.       | 424      | 468                        |  |
|  | A5              | 4,886,062                      | 12/12/89        | Wiktor             | 128      | 343                        |  |
|  | A6              | 4,941,870                      | 7/17/90         | Okada et al.       | 600      | 36                         |  |
|  | A7              | 4,977,901                      | 12/18/90        | Ofstead            | 128      | 772                        |  |
|  | A8              | 5,112,457                      | 5/12/92         | Marchant           | 204      | 165                        |  |
|  | A9              | 5,165,919                      | 11/24/92        | Sasaki et al.      | 424      | 488                        |  |
|  | A10             | 5,272,012                      | 12/21/93        | Opolski            | 428      | 428.1                      |  |
|  | A11             | 5,292,516                      | 3/8/94          | Viegas et al.      | 424      | 423                        |  |
|  | A12             | 5,298,260                      | 3/29/94         | Viegas et al.      | 424      | 486                        |  |
|  | A13             | 5,300,295                      | 4/5/94          | Viegas et al.      | 424      | 427                        |  |
|  | A14             | 5,306,501                      | 4/26/94         | Viegas et al.      | 424      | 423                        |  |
|  | A15             | 5,328,471                      | 7/12/94         | Slepian            | 604      | 101                        |  |
|  | A16             | 5,330,768                      | 7/19/94         | Park et al.        | 424      | 501                        |  |
|  | A17             | 5,380,299                      | 1/10/95         | Fearnot et al.     | 604      | 265                        |  |
|  | A18             | 5,417,981                      | 5/23/95         | Endo et al.        | 424      | 486                        |  |
|  | A19             | 5,447,724                      | 9/5/95          | Helmus et al.      | 424      | 426                        |  |
|  | A20             | 5,455,040                      | 10/3/95         | Marchant           | 424      | 426                        |  |
|  | A21             | 5,462,990                      | 10/31/95        | Hubbell et al.     | 525      | 54.1                       |  |
|  | A22             | 5,464,650                      | 11/7/95         | Berg et al.        | 427      | 2.30                       |  |
|  | A23             | 5,569,463                      | 10/29/96        | Helmus et al.      | 424      | 426                        |  |
| EXAMINER   |                 |                                | DATE CONSIDERED |                    |          |                            |  |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |                 |                                |                 |                    |          |                            |  |

| FORM PTO-1449 (Modified)   |  | US DEPARTMENT OF COMMERCE      |          | Docket No.         |          | Application No.            |             |  |  |
|--|--|--------------------------------|----------|--------------------|----------|----------------------------|-------------|--|--|
| Approved for use through 10/31/2002  |  | US Patent and Trademark Office |          | 50623.257          |          | 10/603,889                 |             |  |  |
| <b>INFORMATION DISCLOSURE CITATION</b><br>in an Application<br>(Use several sheets if necessary) |  |                                |          | Applicant          |          |                            |             |  |  |
|  |  |                                |          | Syed F.A. Hossainy |          |                            |             |  |  |
| OCT 10 2003<br>PATENT & TRADEMARK OFFICE   |  |                                |          | Filing Date        |          | Group Art Unit             |             |  |  |
|  |  |                                |          | June 25, 2003      |          | 1762<br>Unassigned         |             |  |  |
| <b>U.S. PATENT DOCUMENTS</b>   |  |                                |          |                    |          |                            |             |  |  |
| Examiner Initials  | Document Number  | Date of Patent                 | Name     | Class              | Subclass | Filing Date If Appropriate |             |  |  |
| [Signature]  | A24  | 5,578,073                      | 11/26/96 | Haimovich et al.   | 623      | 1                          | [Signature] |  |  |
|  | A25  | 5,605,696                      | 2/25/97  | Eury et al.        | 424      | 423                        |             |  |  |
|  | A26  | 5,609,629                      | 3/11/97  | Fearnot et al.     | 623      | 1                          |             |  |  |
|  | A27  | 5,624,411                      | 4/29/97  | Tuch               | 604      | 265                        |             |  |  |
|  | A28  | 5,628,730                      | 5/13/97  | Shapland et al.    | 604      | 21                         |             |  |  |
|  | A29  | 5,649,977                      | 7/22/97  | Campbell           | 623      | 1                          |             |  |  |
|  | A30  | 5,658,995                      | 8/19/97  | Kohn et al.        | 526      | 432                        |             |  |  |
|  | A31  | 5,667,767                      | 9/16/97  | Greff et al.       | 424      | 9.411                      |             |  |  |
|  | A32  | 5,670,558                      | 9/23/97  | Onishi et al.      | 523      | 112                        |             |  |  |
|  | A33  | 5,679,400                      | 10/21/97 | Tuch               | 427      | 2.14                       |             |  |  |
|  | A34  | 5,700,286                      | 12/23/97 | Tartaglia et al.   | 623      | 1                          |             |  |  |
|  | A35  | 5,702,754                      | 12/30/97 | Zhong              | 427      | 2.12                       |             |  |  |
|  | A36  | 5,716,981                      | 2/10/98  | Hunter et al.      | 514      | 449                        |             |  |  |
|  | A37  | 5,735,897                      | 4/7/98   | Buirge             | 623      | 12                         |             |  |  |
|  | A38  | 5,746,998                      | 5/5/98   | Torchilin et al.   | 424      | 9.4                        |             |  |  |
|  | A39  | 5,776,184                      | 7/7/98   | Tuch               | 623      | 1                          |             |  |  |
|  | A40  | 5,788,979                      | 8/4/98   | Alt et al.         | 424      | 426                        |             |  |  |
|  | A41  | 5,800,392                      | 9/1/98   | Racchini           | 604      | 96                         |             |  |  |
|  | A42  | 5,820,917                      | 10/13/98 | Tuch               | 427      | 2.1                        |             |  |  |
|  | A43  | 5,824,048                      | 10/20/98 | Tuch               | 623      | 1                          |             |  |  |
|  | A44  | 5,824,049                      | 10/20/98 | Ragheb et al.      | 623      | 1                          |             |  |  |
|  | A45  | 5,830,178                      | 11/3/98  | Jones et al.       | 604      | 49                         |             |  |  |
|  | EXAMINER   |                                |          | DATE CONSIDERED    |          |                            |             |  |  |
|  | EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |                                |          |                    |          |                            |             |  |  |

| <b>FORM PTO-1449 (Modified)</b><br>Approved for use through 10/31/2002   |           | US DEPARTMENT OF COMMERCE<br>US Patent and Trademark Office |                 | Docket No.<br><b>50623.257</b>         |                  | Application No.<br><b>10/603,889</b>            |                            |
|--|-----------|---|-----------------|--|------------------|---|----------------------------|
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary)  |           |   |                 | Applicant<br><b>Syed F.A. Hossainy</b> |                  |   |                            |
|  |           |   |                 | Filing Date<br><b>June 25, 2003</b>    |                  | Group Art Unit <b>1762</b><br><b>Unassigned</b> |                            |
| <b>U.S. PATENT DOCUMENTS</b>   |           |   |                 |  |                  |   |                            |
| Examiner Initial   | Reference | Document Number   | Date of Patent  | Name                                   | Class            | Subclass  | Filing Date if Appropriate |
|  |           | A46   | 5,837,008       | 11/17/98                               | Berg et al.      | 623   | 1                          |
|  |           | A47   | 5,837,313       | 11/17/98                               | Ding et al.      | 427   | 2.21                       |
|  |           | A48   | 5,851,508       | 12/22/98                               | Greff et al.     | 424   | 9.411                      |
|  |           | A49   | 5,858,746       | 1/12/99                                | Hubbell et al.   | 435   | 177                        |
|  |           | A50   | 5,865,814       | 2/2/99                                 | Tuch             | 604   | 265                        |
|  |           | A51   | 5,869,127       | 2/9/99                                 | Zhong            | 427   | 2.12                       |
|  |           | A52   | 5,873,904       | 2/23/99                                | Ragheb et al.    | 623   | 1                          |
|  |           | A53   | 5,876,433       | 3/2/99                                 | Lunn             | 623   | 1                          |
|  |           | A54   | 5,877,224       | 3/2/99                                 | Brocchini et al. | 514   | 772.2                      |
|  |           | A55   | 5,925,720       | 7/20/99                                | Kataoka et al.   | 525   | 523                        |
|  |           | A56   | 5,955,509       | 9/21/99                                | Webber et al.    | 514   | 772.7                      |
|  |           | A57   | 5,971,954       | 10/26/99                               | Conway et al.    | 604   | 98                         |
|  |           | A58   | 5,980,928       | 11/9/99                                | Terry            | 424   | 427                        |
|  |           | A59   | 5,980,972       | 11/9/99                                | Ding             | 427   | 2.24                       |
|  |           | A60   | 5,997,517       | 12/7/99                                | Whitbourne       | 604   | 265                        |
|  |           | A61   | 6,010,530       | 1/4/00                                 | Goicoechea       | 623   | 1                          |
|  |           | A62   | 6,015,541       | 1/18/00                                | Greff et al.     | 424   | 1.25                       |
|  |           | A63   | 6,033,582       | 3/7/00                                 | Lee et al.       | 216   | 37                         |
|  | A64       | 6,042,875   | 3/28/00         | Ding et al.                            | 427              | 2.24  |                            |
|  | A65       | 6,051,648   | 4/18/00         | Rhee et al.                            | 525              | 54.1  |                            |
|  | A66       | 6,051,576   | 4/18/00         | Ashton et al.                          | 514              | 255   |                            |
|  | A67       | 6,056,993   | 5/2/00          | Leidner et al.                         | 427              | 2.25  |                            |
|  | A68       | 6,060,451   | 5/9/00          | DiMaio et al.                          | 514              | 13  |                            |
| EXAMINER   |           |   | DATE CONSIDERED |  |                  |   |                            |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |           |   |                 |  |                  |   |                            |

| FORM PTO-1449 (Modified)   |                 | US DEPARTMENT OF COMMERCE      |                 | Docket No.         |          | Application No.            |  |
|--|-----------------|--------------------------------|-----------------|--------------------|----------|----------------------------|--|
| Approved for use through 10/31/2002  |                 | US Patent and Trademark Office |                 | 50623.257          |          | 10/603,889                 |  |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary)  |                 |                                |                 | Applicant          |          |                            |  |
|  |                 |                                |                 | Syed F.A. Hossainy |          |                            |  |
|  |                 |                                |                 | Filing Date        |          | Group Art Unit             |  |
|  |                 |                                |                 | June 25, 2003      |          | 1762<br>Unassigned         |  |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |                                |                 |                    |          |                            |  |
| Examiner Initial   | Document Number | Date of Patent                 | Name            | Class              | Subclass | Filing Date if Appropriate |  |
|  | A69             | 6,060,518                      | 5/9/00          | Kabanov et al.     | 514      | 781                        |  |
|  | A70             | 6,080,488                      | 6/27/00         | Hostettler et al.  | 428      | 423.3                      |  |
|  | A71             | 6,096,070                      | 8/1/00          | Ragheb et al.      | 623      | 1                          |  |
|  | A72             | 6,099,562                      | 8/8/00          | Ding et al.        | 623      | 1.46                       |  |
|  | A73             | 6,110,188                      | 8/29/00         | Narciso, Jr.       | 606      | 153                        |  |
|  | A74             | 6,110,483                      | 8/29/00         | Whitbourne et al.  | 424      | 423                        |  |
|  | A75             | 6,113,629                      | 9/5/00          | Ken                | 623      | 1.1                        |  |
|  | A76             | 6,120,536                      | 9/19/00         | Ding et al.        | 623      | 1.43                       |  |
|  | A77             | 6,120,904                      | 9/19/00         | Hostettler et al.  | 428      | 423.3                      |  |
|  | A78             | 6,121,027                      | 9/19/00         | Clapper et al.     | 435      | 180                        |  |
|  | A79             | 6,129,761                      | 10/10/00        | Hubbell            | 623      | 11                         |  |
|  | A80             | 6,153,252                      | 11/28/00        | Hossainy et al.    | 427      | 23                         |  |
|  | A81             | 6,165,212                      | 12/26/00        | Dereume et al.     | 623      | 1.13                       |  |
|  | A82             | 6,203,551                      | 3/20/01         | Wu                 | 606      | 108                        |  |
|  | A83             | 6,214,901                      | 4/10/01         | Chudzik et al.     | 523      | 113                        |  |
|  | A84             | 6,231,600                      | 5/15/01         | Zhong              | 623      | 1.42                       |  |
|  | A85             | 6,240,616                      | 6/5/01          | Yan                | 29       | 527/2                      |  |
|  | A86             | 6,245,753                      | 6/12/01         | Byun et al.        | 514      | 55                         |  |
|  | A87             | 6,251,136                      | 6/26/01         | Guruwaiya et al.   | 623      | 1.46                       |  |
| A88  | 6,254,632       | 7/3/01                         | Wu et al.       | 623                | 1.15     |                            |  |
| A89  | 6,258,121       | 7/10/01                        | Yang et al.     | 623                | 1.46     |                            |  |
| EXAMINER   |                 |                                | DATE CONSIDERED |                    |          |                            |  |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |                 |                                |                 |                    |          |                            |  |

| FORM PTO-1449 (Modified)   |           | US DEPARTMENT OF COMMERCE      |                 | Docket No.         |       | Application No.           |                            |          |
|--|-----------|--------------------------------|-----------------|--------------------|-------|---------------------------|----------------------------|----------|
| Approved for use through 10/31/2002  |           | US Patent and Trademark Office |                 | 50623.257          |       | 10/603,889                |                            |          |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary)  |           |                                |                 | Applicant          |       |                           |                            |          |
|  |           |                                |                 | Syed F.A. Hossainy |       |                           |                            |          |
|  |           |                                |                 | Filing Date        |       | Group Art Unit            |                            |          |
|  |           |                                |                 | June 25, 2003      |       | 1762<br><u>Unassigned</u> |                            |          |
| <b>U.S. PATENT DOCUMENTS</b>   |           |                                |                 |                    |       |                           |                            |          |
| Examiner Initial   | Ref. No.  | Document Number                | Date of Patent  | Name               | Class | Subclass                  | Filing Date if Appropriate |          |
| ✓  | A90       | 6,283,947                      | 9/4/01          | Mirzaee            | 604   | 264                       | ✓                          |          |
|  | A91       | 6,283,949                      | 9/4/01          | Roorda             | 604   | 288.02                    |                            |          |
|  | A92       | 6,284,305                      | 9/4/01          | Ding et al.        | 427   | 2.28                      |                            |          |
|  | A93       | 6,287,628                      | 9/11/01         | Hossainy et al.    | 427   | 2.3                       |                            |          |
|  | A94       | 6,299,604                      | 10/9/01         | Ragheb et al.      | 604   | 265                       |                            |          |
|  | A95       | 6,306,176                      | 10/23/01        | Whitbourne         | 623   | 23.59                     |                            |          |
|  | A96       | 6,331,313                      | 12/18/01        | Wong et al.        | 424   | 427                       |                            |          |
|  | A97       | 6,335,029                      | 1/1/02          | Kamath et al.      | 424   | 423                       |                            |          |
|  | A98       | 6,346,110                      | 2/12/02         | Wu                 | 606   | 108                       |                            |          |
|  | A99       | 6,358,556                      | 3/19/02         | Ding et al.        | 427   | 2.24                      |                            |          |
|  | A100      | 6,379,381                      | 4/30/02         | Hossainy et al.    | 623   | 1.42                      |                            |          |
|  | A101      | 6,387,124                      | 5/14/02         | Buscemi et al.     | 623   | 1.42                      |                            |          |
|  | A102      | 6,395,326                      | 5/28/02         | Castro et al.      | 427   | 2.24                      |                            |          |
|  | A103      | 6,419,692                      | 7/16/02         | Yang et al.        | 623   | 1.15                      |                            | 2/3/99   |
|  | A104      | 6,451,373                      | 9/17/02         | Hossainy et al.    | 427   | 2.25                      |                            | 8/4/00   |
|  | A105      | 6,494,862                      | 12/17/02        | Ray et al.         | 604   | 96.01                     |                            | 12/30/99 |
|  | A106      | 6,503,556                      | 1/7/03          | Harish et al.      | 427   | 2.24                      |                            | 12/28/00 |
|  | A107      | 6,503,954                      | 1/7/03          | Bhat et al.        | 514   | 772.2                     |                            | 7/21/00  |
|  | A108      | 6,506,437                      | 1/14/03         | Harish et al.      | 427   | 2.25                      |                            | 10/17/00 |
| A109   | 6,527,801 | 3/4/03                         | Dutta           | 623                | 1.46  | 4/13/00                   |                            |          |
| EXAMINER   |           |                                | DATE CONSIDERED |                    |       |                           |                            |          |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |           |                                |                 |                    |       |                           |                            |          |

**FORM PTO-1449 (Modified)**  
 Approved for use through 10/31/2002  
 US DEPARTMENT OF COMMERCE  
 US Patent and Trademark Office

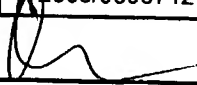
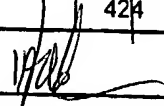
**INFORMATION DISCLOSURE CITATION**  
 in an Application  
 (Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

| Examiner Initial | Ref. No. | Document Number | Date of Patent | Name                   | Class | Subclass | Filing Date if Appropriate |
|------------------|----------|-----------------|----------------|------------------------|-------|----------|----------------------------|
| VJ               | A110     | 6,527,863       | 3/4/03         | Pacetti et al.         | 118   | 500      | 6/29/01                    |
|                  | A111     | 6,540,776       | 4/1/03         | Sanders Millare et al. | 623   | 1.15     | 12/28/00                   |
|                  | A112     | 6,544,223       | 4/8/03         | Kokish                 | 604   | 103.01   | 1/5/01                     |
|                  | A113     | 6,544,543       | 4/8/03         | Mandrusov et al.       | 424   | 422      | 12/27/00                   |
|                  | A114     | 6,544,582       | 4/8/03         | Yoe                    | 427   | 2.24     | 1/5/01                     |
|                  | A115     | 6,555,157       | 4/29/03        | Hossainy               | 427   | 2.24     | 7/25/00                    |
|                  | A116     | 6,558,733       | 5/6/03         | Hossainy et al.        | 427   | 2.24     | 10/26/00                   |
|                  | A117     | 6,565,659       | 5/20/03        | *Pacetti et al.        | 118   | 500      | 6/28/01                    |
|                  | A118     | 6,572,644       | 6/3/03         | Moein                  | 623   | 1.11     | 6/27/01                    |
|                  | A119     | 6,585,765       | 7/1/03         | Hossainy et al.        | 623   | 1.45     | 6/29/00                    |
| VJ               | A120     | 6,585,926       | 7/1/03         | Mirzaee                | 264   | 400      | 8/31/00                    |
|                  | A121     | 6,605,154       | 8/12/03        | Villareal              | 118   | 500      | 5/31/01                    |

**U.S. PATENT APPLICATION PUBLICATION DOCUMENTS**

| Examiner Initial | Ref. No. | Document Number | Date of Publication | Name             | Class | Subclass | Filing Date if Appropriate |
|------------------|----------|-----------------|---------------------|------------------|-------|----------|----------------------------|
| VJ               | A122     | 2001/0018469    | 8/30/01             | Chen et al.      | 523   | 121      |                            |
|                  | A123     | 2001/0037145    | 11/1/01             | Guruwaiya et al. | 623   | 1.15     |                            |
|                  | A124     | 2002/0077693    | 6/20/02             | Barclay et al.   | 623   | 1.13     |                            |
|                  | A125     | 2002/0091433    | 7/11/02             | Ding et al.      | 623   | 1.2      | 12/17/01                   |
|                  | A126     | 2002/0155212    | 10/24/02            | Hossainy         | 427   | 2.25     | 4/24/01                    |
|                  | A127     | 2003/0065377    | 4/3/03              | Davila et al.    | 623   | 1.13     | 4/30/02                    |
|                  | A128     | 2003/0099712    | 5/29/03             | Jayaraman        | 424   | 486      | 11/26/01                   |
|                  |          |                 |                     |                  |       |          |                            |

EXAMINER:  DATE CONSIDERED: 

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.

|   |  |   |  |   |                               |
|---|--|---|--|---|-------------------------------|
| <b>FORM PTO-1449 (Modified)</b><br>Approved for use through 10/31/2002                                  |  | US DEPARTMENT OF COMMERCE<br>US Patent and Trademark Office |  | Docket No.<br>50623.257                         | Application No.<br>10/603,889 |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary) |  |   |  | Applicant<br>Syed F.A. Hossainy                 |                               |
|   |  |   |  | Filing Date<br>June 25, 2003                    |                               |
|   |  |   |  | Group Art Unit<br>1762<br><del>Unassigned</del> |                               |

| FOREIGN PATENT DOCUMENTS |          |                 |                     |                  |       |          |             |    |
|--------------------------|----------|-----------------|---------------------|------------------|-------|----------|-------------|----|
| Examiner Initial         | Ref. No. | Document Number | Date of Publication | Country          | Class | Subclass | Translation |    |
|                          |          |                 |                     |                  |       |          | Yes         | No |
|                          | B1       | EP 0 301 856    | 2/1/89              | European         |       |          |             |    |
|                          | B2       | EP 0 514 406    | 11/25/92            | European         |       |          |             |    |
|                          | B3       | EP 0 604 022    | 6/29/94             | European         |       |          |             |    |
|                          | B4       | EP 0 623 354    | 11/9/94             | European         |       |          |             |    |
|                          | B5       | EP 0 665 023    | 8/2/95              | European         |       |          |             |    |
|                          | B6       | EP 0 701 802    | 3/20/96             | European         |       |          |             |    |
|                          | B7       | EP 0 716 836    | 6/19/96             | European         |       |          |             |    |
|                          | B8       | EP 0 809 999    | 12/3/97             | European         |       |          |             |    |
|                          | B9       | EP 0 832 655    | 4/1/98              | European         |       |          |             |    |
|                          | B10      | EP 0 850 651    | 7/1/98              | European         |       |          |             |    |
|                          | B11      | EP 0 879 595    | 11/25/98            | European         |       |          |             |    |
|                          | B12      | EP 0 910 584    | 4/28/99             | European         |       |          |             |    |
|                          | B13      | EP 0 923 953    | 6/23/99             | European         |       |          |             |    |
|                          | B14      | EP 0 953 320    | 11/3/99             | European         |       |          |             |    |
|                          | B15      | EP 0 970 711    | 1/12/00             | European         |       |          |             |    |
|                          | B16      | EP 0 982 041    | 3/1/00              | European         |       |          |             |    |
|                          | B17      | EP 1 273 314    | 1/8/03              | European         |       |          |             |    |
|                          | B18      | 2001-190687     | 7/17/01             | Japan (Abstract) |       |          |             | X  |
|                          | B19      | WO 91/12846     | 9/5/91              | PCT              |       |          |             |    |
|                          | B20      | WO 95/10989     | 4/27/95             | PCT              |       |          |             |    |
|                          | B21      | WO 96/40174     | 12/19/96            | PCT              |       |          |             |    |
|                          | B22      | WO 97/10011     | 3/20/97             | PCT              |       |          |             |    |

|              |                     |
|--------------|---------------------|
| EXAMINER<br> | DATE CONSIDERED<br> |
|--------------|---------------------|

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
 Approved for use through 10/31/2002  
 OCT 10 2003  
 PATENT & TRADEMARK OFFICE 0111

US DEPARTMENT OF COMMERCE  
 US Patent and Trademark Office

**INFORMATION DISCLOSURE CITATION**  
 in an Application  
 (Use several sheets if necessary)

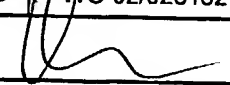
Docket No. 50623.257  
 Application No. 10/603,889

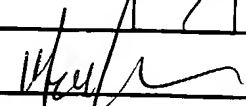
Applicant Syed F.A. Hossainy

Filing Date June 25, 2003  
 Group Art Unit 1762  
 Unassigned

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial | Ref. No. | Document Number | Date of Publication | Country | Class | Subclass | Translation |    |
|------------------|----------|-----------------|---------------------|---------|-------|----------|-------------|----|
|                  |          |                 |                     |         |       |          | Yes         | No |
|                  | B23      | WO 97/45105     | 12/4/97             | PCT     |       |          |             |    |
|                  | B24      | WO 97/46590     | 12/11/97            | PCT     |       |          |             |    |
|                  | B25      | WO 98/17331     | 4/30/98             | PCT     |       |          |             |    |
|                  | B26      | WO 98/36784     | 8/27/98             | PCT     |       |          |             |    |
|                  | B27      | WO 99/01118     | 1/14/99             | PCT     |       |          |             |    |
|                  | B28      | WO 99/38546     | 8/5/99              | PCT     |       |          |             |    |
|                  | B29      | WO 99/63981     | 12/16/99            | PCT     |       |          |             |    |
|                  | B30      | WO 00/02599     | 1/20/00             | PCT     |       |          |             |    |
|                  | B31      | WO 00/12147     | 3/9/00              | PCT     |       |          |             |    |
|                  | B32      | WO 00/18446     | 4/6/00              | PCT     |       |          |             |    |
|                  | B33      | WO 00/32238     | 6/8/00              | PCT     |       |          |             |    |
|                  | B34      | WO 00/64506     | 11/2/00             | PCT     |       |          |             |    |
|                  | B35      | WO 01/01890     | 1/11/01             | PCT     |       |          |             |    |
|                  | B36      | WO 01/15751     | 3/8/01              | PCT     |       |          |             |    |
|                  | B37      | WO 01/17577     | 3/15/01             | PCT     |       |          |             |    |
|                  | B38      | WO 01/45763     | 6/28/01             | PCT     |       |          |             |    |
|                  | B39      | WO 01/49338     | 7/12/01             | PCT     |       |          |             |    |
|                  | B40      | WO 01/74414     | 10/11/01            | PCT     |       |          |             |    |
|                  | B41      | WO 02/03890     | 1/17/02             | PCT     |       |          |             |    |
|                  | B42      | WO 02/056790    | 7/25/02             | PCT     |       |          |             |    |
|                  | B43      | WO 02/026162    | 4/4/02              | PCT     |       |          |             |    |

EXAMINER 

DATE CONSIDERED 

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.



|   |  |   |  |  |   |
|---|--|---|--|--|---|
| <b>FORM PTO-1449 (Modified)</b><br>Approved for use through 10/31/2002                                  |  | US DEPARTMENT OF COMMERCE<br>US Patent and Trademark Office |  | Docket No.<br><b>50623.257</b>         | Application No.<br><b>10/603,889</b>            |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary) |  |   |  | Applicant<br><b>Syed F.A. Hossainy</b> |   |
|   |  |   |  | Filing Date<br><b>June 25, 2003</b>    | Group Art Unit <b>1762</b><br><b>Unassigned</b> |

| FOREIGN PATENT DOCUMENTS |          |                 |                     |         |       |          |             |    |
|--------------------------|----------|-----------------|---------------------|---------|-------|----------|-------------|----|
| Examiner Initial         | Ref. No. | Document Number | Date of Publication | Country | Class | Subclass | Translation |    |
|                          |          |                 |                     |         |       |          | Yes         | No |
|                          | B44      | WO 02/34311     | 5/2/02              | PCT     |       |          |             |    |
|                          | B45      | WO 03/000308    | 1/3/03              | PCT     |       |          |             |    |
|                          | B46      | WO 03/022323    | 3/20/03             | PCT     |       |          |             |    |
|                          | B47      | WO 03/028780    | 4/10/03             | PCT     |       |          |             |    |
|                          | B48      | WO 03/037223    | 5/8/03              | PCT     |       |          |             |    |
|                          | B49      | WO 03/039612    | 5/15/03             | PCT     |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |   |
|--|---|
| C1   | <del>Anonymous, A Simple Approach for Glass Transition Temperature Prediction, <a href="http://www.research-fragile.com/fragile/4146/6400glass-temperature.html">http://www.research-fragile.com/fragile/4146/6400glass-temperature.html</a>, printed 7/1/03 (2 pages).</del> |
| C2   | <del>Anonymous, Amorphous Polymers and the Glass Transition Temperature, <a href="http://www.irc.ices.ac.uk/labs/mod1/node6.html">http://www.irc.ices.ac.uk/labs/mod1/node6.html</a>, printed 3/21/03 (3 pages).</del>  |
| C3   | <del>Anonymous, Amorphous Polymers and the Glass Transition Temperature (1, 2) (2 pages).</del>   |
| C4   | <del>Anonymous, Cardiologists Draw Up The Dream Stent Clinica 710-15 (June 17, 1996), <a href="http://www.dialogweb.com/cqi/document?req=1061848202955">http://www.dialogweb.com/cqi/document?req=1061848202955</a>, printed 8/25/03 (2 pages).</del>                         |
| C5   | <del>Anonymous, Differential Scanning Calorimetry, <a href="http://www.easom.com/dsc/dsc.html">http://www.easom.com/dsc/dsc.html</a>, printed 8/25/03 (8 pages).</del>  |
| C6   | <del>Anonymous, Glass transition temperature, <a href="http://palimpsest.stanford.edu/doc/dv/dv1549.html">http://palimpsest.stanford.edu/doc/dv/dv1549.html</a>, printed 3/21/03 (1 page).</del>  |
| C7   | <del>Anonymous, Glass transition temperature, <a href="http://slimores.ebs.msu.edu/mrp/back/mol-glas.html">http://slimores.ebs.msu.edu/mrp/back/mol-glas.html</a>, printed 3/21/03 (2 pages).</del>   |
| C8   | <del>Anonymous, Heparin-coated stents cut complications by 30%, Clinica 732-17 (Nov. 18, 1996), <a href="http://www.dialogweb.com/cqi/document?req=1061847871753">http://www.dialogweb.com/cqi/document?req=1061847871753</a>, printed 8/25/03 (2 pages).</del>               |
| C9   | <del>Anonymous, How Big are Polymers? (2 pages).</del>  |
| C10  | <del>Anonymous, How Big are Polymers? (2 pages).</del>  |
| C11  | Anonymous, Rolling Therapeutic Agent Loading Device for Therapeutic Agent Delivery or Coated Stent (Abstract 434009), Res. Disclos. pp. 974-975 (June 2000).  |

|              |                     |
|--------------|---------------------|
| EXAMINER<br> | DATE CONSIDERED<br> |
|--------------|---------------------|

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                |  |                    |                    |
|---|--|--------------------------------|--|--------------------|--------------------|
| FORM PTO-1449 (Modified)  |  | US DEPARTMENT OF COMMERCE      |  | Docket No.         | Application No.    |
| Approved for use through 10/31/2002   |  | US Patent and Trademark Office |  | 50623.257          | 10/603,889         |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary) |  |                                |  | Applicant          |                    |
|   |  |                                |  | Syed F.A. Hossainy |                    |
| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, etc.)                           |  |                                |  | Filing Date        | Group Art Unit     |
|   |  |                                |  | June 25, 2003      | 1762<br>Unassigned |

|     |   |                   |
|-----|---|-------------------|
| C12 | Anonymous, <del>Stenting continues to dominate cardiology</del> , Clinica 720:22 (Sept. 2, 1996), <del>http://www.dialogweb.com/cgi/document?req=1061848017752</del> , printed 8/25/03 (2 pages).                         | NOT A PUBLICATION |
| C13 | Anonymous, <del>The Glass Transition</del> , <del>http://www.psrd.usm.edu/macrod/10.htm</del> , printed 3/2/03 (11 pages).  |                   |
| C14 | Anonymous, <del>Thermal Properties - Crystallization</del> (16 pages).  |                   |
| C15 | Anonymous, <del>Thermoplastics - An Introduction</del> , <del>http://www.amazon.com/details.asp?ArticleID=83&amp;head=Thermoplastics%2B-%2BA%2BIntroduction</del> , printed 4/8/03 (5 pages).                             |                   |
| C16 | Aoyagi et al., <i>Preparation of cross-linked aliphatic polyester and application to thermo-responsive material</i> , Journal of Controlled Release 32:87-96 (1994).  |                   |
| C17 | Baird et al., <i>Dielectric behaviour and morphology of polyvinylidene fluoride</i> , Journal of Material Science 10:1248-1251 (1975).  |                   |
| C18 | Barath et al., <i>Low Dose of Antitumor Agents Prevents Smooth Muscle Cell Proliferation After Endothelial Injury</i> , JACC 13(2): 252A (Abstract) (Feb. 1989).  |                   |
| C19 | Barbucci et al., <i>Coating of commercially available materials with a new heparinizable material</i> , J. Biomed. Mater. Res. 25:1259-1274 (Oct. 1991).  |                   |
| C20 | Black et al., <i>Glass Transitions of Some Block Copolymers</i> , Journal of Applied Polymer Science 18:2307-2310 (1974).   |                   |
| C21 | Bliznyuk et al., <i>Surface Glass Transition Temperature of Amorphous Polystyrene Measured By SFM</i> , pp. 1-5.<br>no date   |                   |
| C22 | Buchholz et al., <i>Cooling rate dependence of the glass transition temperature of polymer melts: Molecular dynamics study</i> , Journal of Chemical Physics 117(15):7364-7372 (Oct. 15, 2002).                           |                   |
| C23 | Chung et al., <i>Inner core segment design for drug delivery control of thermo-responsive polymeric micelles</i> , Journal of Controlled Release 65:93-103 (2000).  |                   |
| C24 | Dev et al., <i>Kinetics of Drug Delivery to the Arterial Wall Via Polyurethane-Coated Removable Nitinol Stent: Comparative Study of Two Drugs</i> , Catheterization and Cardiovascular Diagnosis 34:272-278 (1995).       |                   |
| C25 | Dichek et al., <i>Seeding of Intravascular Stents with Genetically Engineered Endothelial Cells</i> , Circ. 80(5):1347-1353 (Nov. 1989).  |                   |
| C26 | Ding et al., <i>Novel Synthesis of Poly(p-phenylene sulfide) from Cyclic Disulfide Oligomers</i> , Macromolecules 29:4811-4812 (1996).  |                   |
| C27 | Eigler et al., <i>Local Arterial Wall Drug Delivery from a Polymer Coated Removable Metallic Stent: Kinetics, Distribution, and Bioactivity of Forskolin</i> , JACC, 4A (701-1), Abstract (Feb. 1994).<br>no page numbers |                   |
| C28 | Fernandez-Martin et al., <i>Glass Transition Temperature and Heat Capacity of Heterotacticlike PMMA</i> , Journal of Polymer Science: Polymer Physics Edition 19:1353-1363 (1981).  |                   |
| C29 | Forrest et al., <i>Effect of Free Surfaces on the Glass Transition Temperature of Thin Polymer Films</i> , Physical Review Letters 77(10):2002-2005 (Sept. 2, 1996).  |                   |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|          | 11/26/03        |

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.

|  |   |                                 |                                      |
|--|---|---------------------------------|--------------------------------------|
| <b>FORM PTO-1449 (Modified)</b><br>Approved for use through 10/31/2002<br>US DEPARTMENT OF COMMERCE<br>US Patent and Trademark Office  |   | Docket No.<br>50623.257         | Application No.<br>10/603,889        |
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary)  |   | Applicant<br>Syed F.A. Hossainy |                                      |
|  |   | Filing Date<br>June 25, 2003    | Group Art Unit<br>1762<br>Unassigned |
| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, etc.)  |   |                                 |                                      |
| C30  | Fryer et al., <i>Dependence of the Glass Transition Temperature of Polymer Films on Interfacial Energy and Thickness</i> , <i>Macromolecules</i> 34(16):5627-5634 (2001).   |                                 |                                      |
| C31  | Fujii et al., <i>Investigation of the Stereoregularity of Poly(vinyl Alcohol)</i> , <i>Journal of Polymer Science: Part A</i> 2:2327-2347 (1964).   |                                 |                                      |
| C32  | Gee et al., <i>The effect of ionizing radiation on the thermal properties of linear high polymers: Part 2. Nylon-6</i> , pp. 192-197 (1970).  |                                 |                                      |
| C33  | Grohens et al., <i>Tacticity and surface chemistry effects on the glass transition temperature of thin supported PMMA films</i> , <i>Mat. Res. Soc. Symp.</i> 629:FF1.7.1-FF1.7.7 (2000).   |                                 |                                      |
| C34  | Helmus, <i>Overview of Biomedical Materials</i> , <i>MRS Bulletin</i> , pp. 33-38 (Sept. 1991).   |                                 |                                      |
| C35  | Herdeg et al., <i>Antiproliferative Stent Coatings: Taxol and Related Compounds</i> , <i>Semin. Intervent. Cardiol.</i> 3:197-199 (1998).   |                                 |                                      |
| C36  | Inoue et al., <i>An AB block copolymer of oligo(methyl methacrylate) and poly(acrylic acid) for micellar delivery of hydrophobic drugs</i> , <i>Journal of Controlled Release</i> 51:221-229 (1998).                                    |                                 |                                      |
| C37  | Kataoka et al., <i>Block copolymer micelles as vehicles for drug delivery</i> , <i>Journal of Controlled Release</i> 24:119-132 (1993).   |                                 |                                      |
| C38  | Levy et al., <i>Strategies For Treating Arterial Restenosis Using Polymeric Controlled Release Implants</i> , <i>Biotechnol. Bioact. Polym. [Proc. Am. Chem. Soc. Symp.]</i> , pp. 259-268 (1994).                                      |                                 |                                      |
| C39  | Löfgren et al., <i>Synthesis and Characterization of Biodegradable Homopolymers and Block Copolymers Based on 1,5-Dioxepan-2-one</i> , <i>Macromolecules</i> 27:5556-5562 (1994).   |                                 |                                      |
| C40  | Liu et al., <i>Drug release characteristics of unimolecular polymeric micelles</i> , <i>Journal of Controlled Release</i> 68:167-174 (2000).  |                                 |                                      |
| C41  | Lotz, <i>Phase Transitions and Structure of Crystalline Polymers</i> , pp. 1-27. no date  |                                 |                                      |
| C42  | Marconi et al., <i>Covalent bonding of heparin to a vinyl copolymer for biomedical applications</i> , <i>Biomaterials</i> 18(12):885-890 (1997).  |                                 |                                      |
| C43  | Matsumaru et al., <i>Embolic Materials For Endovascular Treatment of Cerebral Lesions</i> , <i>J. Biomater. Sci. Polymer Edn</i> 8(7):555-569 (1997).   |                                 |                                      |
| C44  | Micoulaut et al., <i>Glass Transition temperature variation, cross-linking and structure in network glasses: A stochastic approach</i> , <i>Europhysics Letters</i> 47(5):568-574 (Sept. 1, 1999).                                      |                                 |                                      |
| C45  | Miyazaki et al., <i>Antitumor Effect of Implanted Ethylene-Vinyl Alcohol Copolymer Matrices Containing Anticancer Agents on Ehrlich Ascites Carcinoma and P388 Leukemia in Mice</i> , <i>Chem. Pharm. Bull.</i> 33(6) 2490-2498 (1985). |                                 |                                      |
| C46  | Miyazawa et al., <i>Effects of Pemirolast and Tranilast on Intimal Thickening After Arterial Injury in the Rat</i> , <i>J. Cardiovasc. Pharmacol.</i> , pp. 157-162 (1997).   |                                 |                                      |
| EXAMINER   |   | DATE CONSIDERED                 |                                      |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |   |                                 |                                      |

|  |  |   |                 |                                   |                               |
|--|--|---|-----------------|-----------------------------------|-------------------------------|
| <b>FORM PTO-1449 (Modified)</b><br>Approved for use through 10/31/2002<br><b>INFORMATION DISCLOSURE CITATION</b><br><b>in an Application</b><br>(Use several sheets if necessary)  |  | US DEPARTMENT OF COMMERCE<br>US Patent and Trademark Office |                 | Docket No.<br>50623.257           | Application No.<br>10/603,889 |
|  |  | Applicant<br>Syed F.A. Hossainy                             |                 |                                   |                               |
|  |  | Filing Date<br>June 25, 2003                                |                 | Group Art Unit 1762<br>Unassigned |                               |
| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, etc.)  |  |   |                 |                                   |                               |
| C47  | Nordrehaug et al., <i>A novel biocompatible coating applied to coronary stents</i> , European Heart Journal 14, p. 321 (P1694), Abstr. Suppl. (1993).  |   |                 |                                   |                               |
| C48  | Ohsawa et al., <i>Preventive Effects of an Antiallergic Drug, Pemirolast Potassium, on Restenosis After Percutaneous Transluminal Coronary Angioplasty</i> , American Heart Journal 136(6):1081-1087 (Dec. 1998).                    |   |                 |                                   |                               |
| C49  | Ozaki et al., <i>New Stent Technologies</i> , Progress in Cardiovascular Diseases, Vol. XXXIX(2):129-140 (Sept./Oct. 1996).  |   |                 |                                   |                               |
| C50  | Parravicini et al., <i>Crystallization of Poly(Ethylene Terephthalate) (PET) from the Oriented Mesomorphic Form</i> , pp. 875-885 (1994).  |   |                 |                                   |                               |
| C51  | Pechar et al., <i>Poly(ethylene glycol) Multiblock Copolymer as a Carrier of Anti-Cancer Drug Doxorubicin</i> , Bioconjugate Chemistry 11(2):131-139 (Mar./Apr. 2000).   |   |                 |                                   |                               |
| C52  | Peng et al., <i>Role of polymers in improving the results of stenting in coronary arteries</i> , Biomaterials 17:685-694 (1996).   |   |                 |                                   |                               |
| C53  | Rogers et al., <i>Glass Formation in Polymers. I. The Glass Transitions of the Poly-(n-Alkyl Methacrylates)</i> , 61:985-990 (July 1957).  |   |                 |                                   |                               |
| C54  | Scott et al., <i>Ethylene-Vinyl Acetate Semi-Batch Emulsion Copolymerization: Use of Factorial Experiments for Process Optimization</i> , pp. 539-555 (1993).  |   |                 |                                   |                               |
| C55  | Shigeno, <i>Prevention of Cerebrovascular Spasm By Bosentan, Novel Endothelin Receptor</i> , Chemical Abstract 125:212307 (1996).  |   |                 |                                   |                               |
| C56  | Sichima, <i>Characterization of Polymers by TMA</i> , Perkin Elmer Polymers technical note (9 pages). no date  |   |                 |                                   |                               |
| C57  | Sun et al., <i>Novel Copolyesters Containing Naphthalene Structure. I. From Bis(hydroxyalkyl)naphthalate and Bis[4-(2-hydroxyethoxy)aryl] Compounds</i> , Journal of Polymer Science: Part A: Polymer Chemistry 34:1783-1792 (1996). |   |                 |                                   |                               |
| C58  | Taylor et al., <i>Applied approach to film formation; The glass transition temperature evolution of plasticized latex films</i> (22 pages). no date  |   |                 |                                   |                               |
| C59  | Tsige et al., <i>Simulation study of the glass transition temperature in poly(methyl methacrylate)</i> , Physical Review E 65:021805-1-021805-8 (2002).  |   |                 |                                   |                               |
| C60  | van Beusekom et al., <i>Coronary stent coatings</i> , Coronary Artery Disease 5(7):590-596 (July 1994).  |   |                 |                                   |                               |
| C61  | Wilensky et al., <i>Methods and Devices for Local Drug Delivery in Coronary and Peripheral Arteries</i> , Trends Cardiovasc. Med. 3(5):163-170 (1993).   |   |                 |                                   |                               |
| C62  | Yokoyama et al., <i>Characterization of physical entrapment and chemical conjugation of adriamycin in polymeric micelles and their design for in vivo delivery to a solid tumor</i> , Journal of Controlled Release 50:79-92 (1998). |   |                 |                                   |                               |
| EXAMINER   |  |   | DATE CONSIDERED |                                   |                               |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.<br>Include copy of this form with next communication to applicant. |  |   |                 |                                   |                               |